

FIG. 1

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FIG. 2

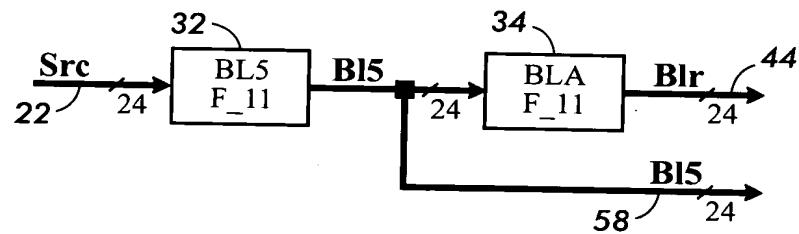


FIG. 3

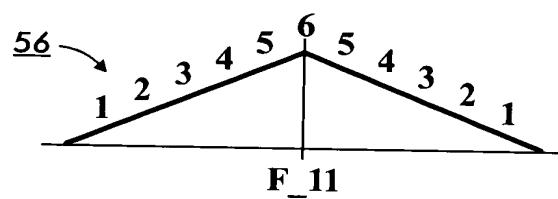
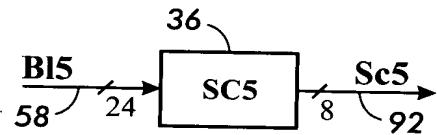


FIG. 4



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FIG. 5

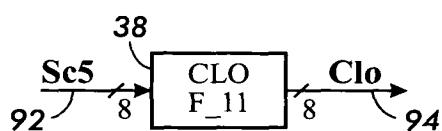
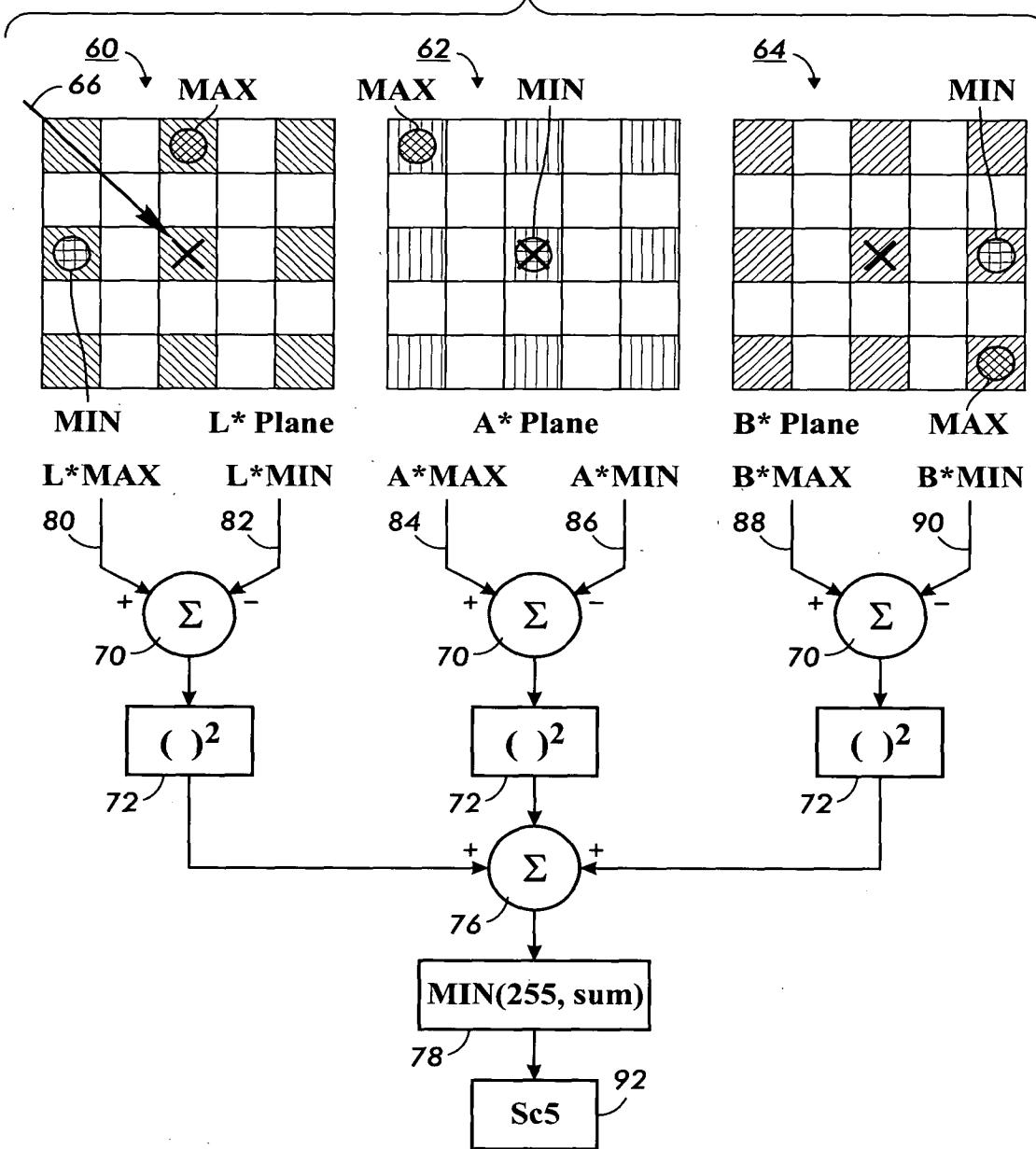


FIG. 6

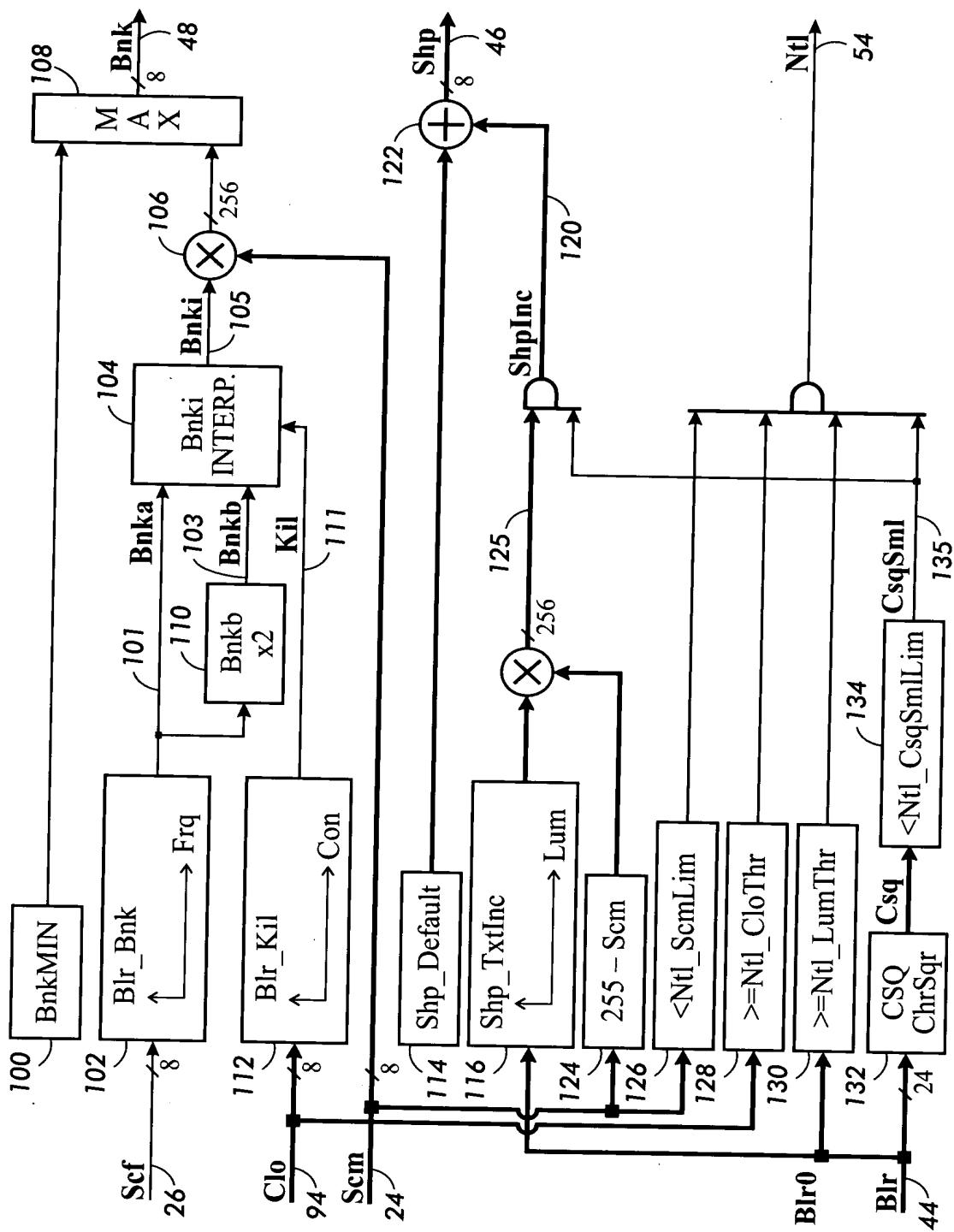


FIG. 7

FIG. 8

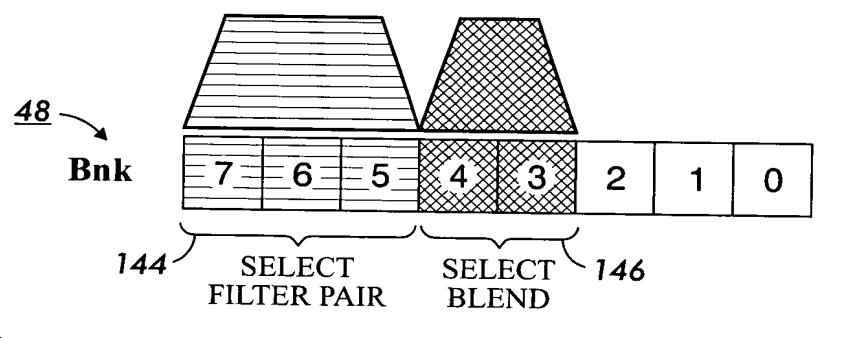
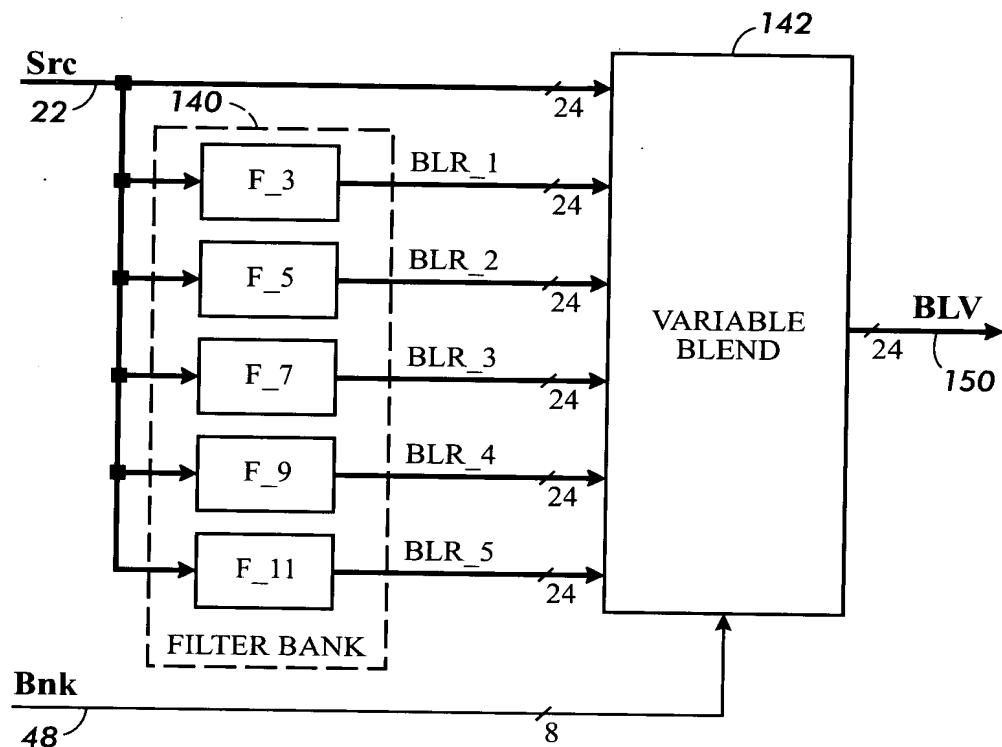
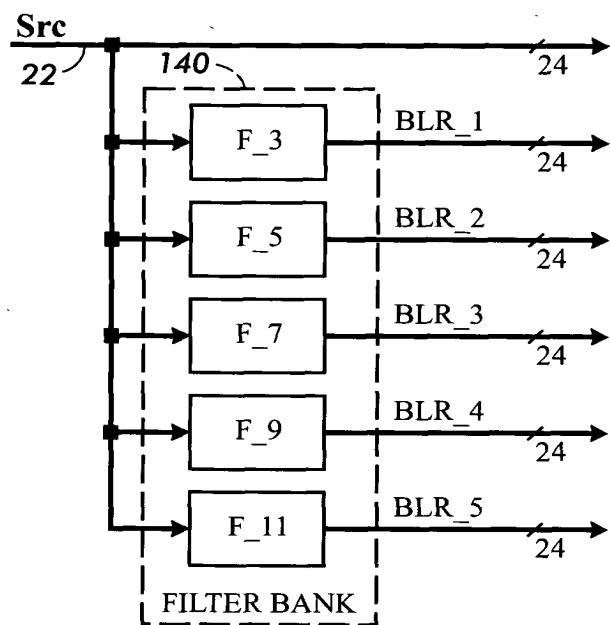


FIG. 9

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FIG. 10



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Bnk bit 7	Bnk bit 6	Bnk bit 5	Bank Select
0	0	0	Src and Blr_1
0	0	1	Blr_1 and Blr_2
0	1	0	Blr_2 and Blr_3
0	1	1	Blr_3 and Blr_4
1	0	0	Blr_4 and Blr_5
1	0	1	Blr_5
1	1	0	INVALID
1	1	1	INVALID

FIG. 11

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FIG. 12

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Filter Index	Filter Width	Filter 1D Wt.	Filter 2D Wt.	Factor	Shift for 11 bit precision
0	1	1	1	1	<<3
1	3	4	16	1	>>1
2	5	9	81	809	>>13
3	7	16	256	1	>>5
4	9	25	625	839	>>16
5	11	36=9*4	1296=81*16	809	>>17

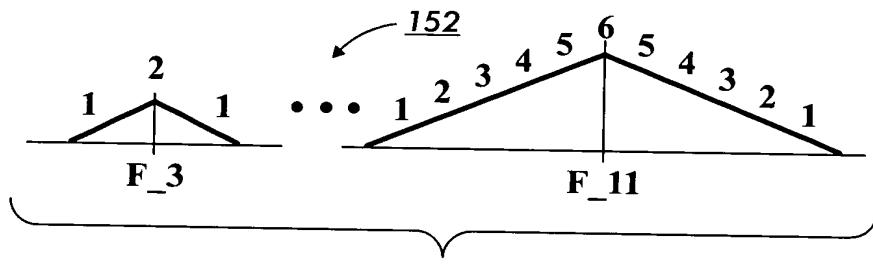


FIG. 13

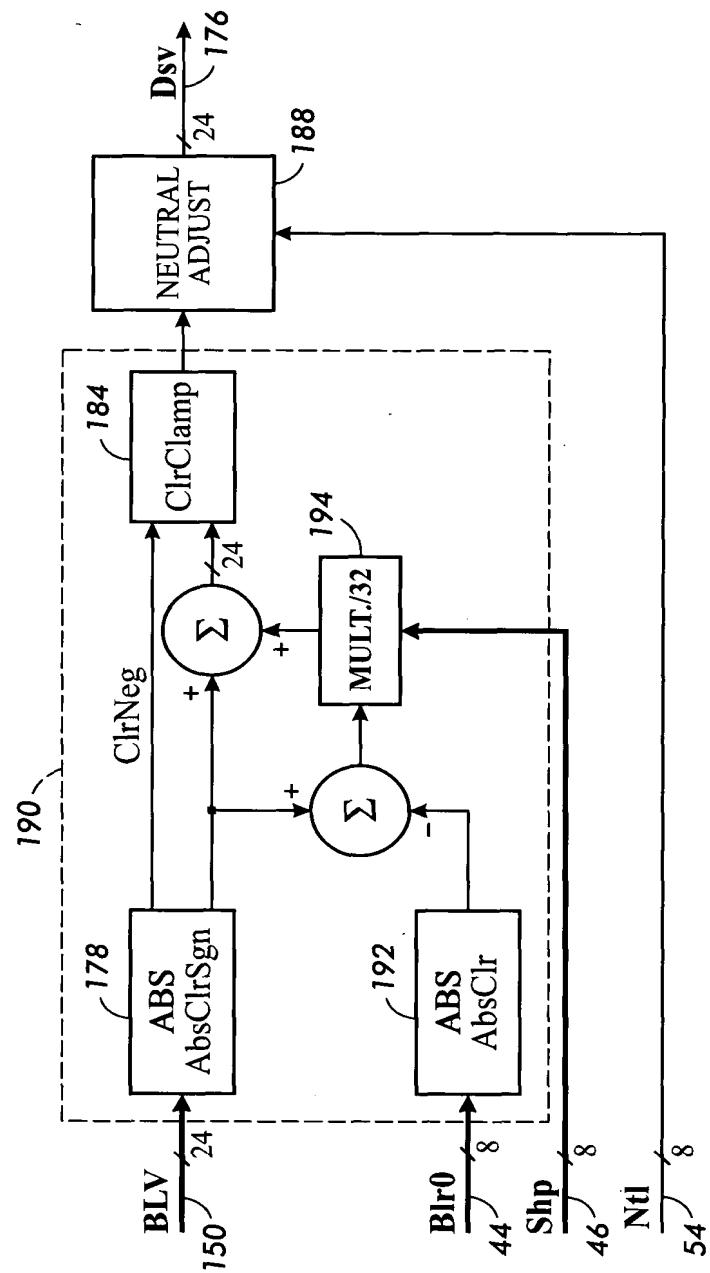


FIG. 14